

PON EDFA 4X16dBm

EDFA is a high-power multi-ports 1550nm CATV optical amplifier with gain spectrum band within 1540~1563nm. It is designed for the application of single channel or 1~4 continuous ribbon channels (ITU wavelength). This series EDFA offers a flexible and low-cost solution for CATV large area coverage of metropolises and medium-sized cities. It is important fiber transmission equipment of building large and medium -sized CATV network, mainly used in FTTH,FTTB,DBS,MMD5,FTTX pon.



Features

- 1540~1563nm operating bandwidth for HA5400 EDFA
- 500~900 mW (high output power)
- 4outputs is x 16 dBm
- Low noise subnumber (Typ $\leq 4.5\text{dB}$, Max $\leq 5.0\text{dB}$, Output $\geq 37\text{dBm}$)
- High performance, high reliability
- APC, ACC, ATC controlled selection (HA5400/P)
- Powerful RS232 supervisory instruction
- Efficient space, flexible installation and easy operation
- Excellent P/P ratio

EDFA PARAMETER

Item	Unit	Technical parameter
Bandwidth	nm	1545~1565
Input optical power	dBm	-5 ~ +10
Max output power	dBm	19
Output power stability	dBm	±0.5
Noise	db	≤ 5.0
Return Loss Input	db	≥ 45
Return loss Output	db	≥ 45
Optical connector		SC/APC
C/N	db	≥ 50
C/CTB	db	≥ 63
C/CSO	db	≥ 63
Supply voltage	V	A:AC160V~250V(50Hz);B:DC48V
Consumption	W	≤ 90
Working Temperature	°C	-10 - +42
Max relative humidity	%	Max 5% no condensation
Storage temperature	°C	-30 ~ +70

